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17DEC71

UNIVERSITY OF QUEENSLAND

COMPUTER CENTRE

WEEKLY NEWSLETTER

DATE : WEEK ENDED 16 DECEMBER 1971  
AUTHORIZATION : DIRECTOR OF THE COMPUTER CENTRE

I. OPERATIONS

1.1 PDP-10 SYSTEM

FRIDAY	10 DECEMBER	SYSTEM FAILURE, 1900-1935.	OFFLINE	1240-1320,
TUESDAY	14 DECEMBER	SYSTEM FAILURE, 1643-1655. PRINTER OFFLINE 1845-2045.	OFFLINE	0900-1139,
WEDNESDAY	15 DECEMBER	SYSTEM FAILURE, 1300-1320.	OFFLINE	0950-1010,
THURSDAY	16 DECEMBER	SYSTEM FAILURE, 2100-2120.	OFFLINE	1737-1745,

SCHEDULE FOR FORTHCOMING WEEK: MAINTENANCE 0700-0900  
OPERATIONS 0900-2230.

1.2 GE-225 SYSTEM

SCHEDULE FOR FORTHCOMING WEEK: MAINTENANCE 1130-1300  
OPERATIONS 0900-1130, 1300-2400.

2. CHRISTMAS SHUT DOWN

THE COMPUTER CENTRE WILL SHUT DOWN ON CHRISTMAS EVE AND REMAIN CLOSED DURING THE INTERVENING DAYS BETWEEN CHRISTMAS AND NEW YEAR. NO FURTHER WORK WILL BE PROCESSED AFTER 11.30 P.M. ON THURSDAY 23 DECEMBER. HOWEVER, THE CENTRE WILL REMAIN OPEN UNTIL 1 P.M. ON FRIDAY 24 DECEMBER TO ALLOW STAFF TO FINALIZE END-OF-YEAR ACCOUNTING AND USERS TO COLLECT ANY WORK OR CARD PUNCHING. THE CENTRE WILL RE-OPEN AT 9 A.M. ON TUESDAY 4 JANUARY 1972.

### 3. REVISION OF COMPUTER CENTRE CHARGES

OVER THE PAST FEW YEARS, IT HAS BEEN THE POLICY OF THE COMPUTER CENTRE TO REVIEW AND REVISE ITS SCHEDULE OF CHARGES ANNUALLY. THE REVIEW AT THE END OF 1971 HAS NOW BEEN MADE AND THE REVISED SCHEDULE IS SHOWN BELOW. THE NEW SCHEDULE OF CHARGES WILL BECOME EFFECTIVE ON 4 JANUARY 1972.

IN COMMON WITH OTHER SECTIONS OF THE COMMUNITY, THE COMPUTER CENTRE HAS HAD TO MEET INCREASING COSTS OF PROVIDING ITS SERVICES. A REVIEW OF THE FIRST YEAR OF OPERATION OF THE TIMESHARING SERVICE ON THE PDP-10 COMPUTER HAS SHOWN A NUMBER OF AREAS WHERE THE CHARGING STRUCTURE REQUIRED RATIONALIZATION (E.G. REMOVAL OF FILE OPENING CHARGES). ALSO, THE CHARGE SCHEDULE NOW INCLUDES RATES FOR SOME NEW SERVICES INTRODUCED DURING 1971 AND MAKES PROVISION FOR THE PLANNED INTRODUCTION OF OTHER SERVICES IN 1972. IT IS ESTIMATED THAT THE NET RESULT OF THESE CHARGES WILL BE AN AVERAGE INCREASE OF 7½% IN COMPUTER CHARGES. FOR MORE DETAILED INFORMATION OF THE CHANGES PLEASE REFER TO THE JANUARY BULLETIN, VOL. 5 NO 1.

THIS NEW CHARGE SCHEDULE HAS BEEN ESTABLISHED IN CONJUNCTION WITH LONG TERM BUDGET PLANNING FOR THE COMPUTER CENTRE. IT IS ANTICIPATED THAT OVER THE NEXT FEW YEARS THERE WILL BE NO FURTHER MAJOR CHANGES TO THIS SCHEDULE. FUTURE REVIEWS SHOULD RESULT ONLY IN MINOR VARIATIONS IN RATES.

#### (A) PDP-10 COMPUTER

ITEM	CHARGE PER	UNIV.* DEPTS	OTHER USERS
<b>1. PROCESSOR TIME AND MEMORY SPACE</b>			
PROCESSOR TIME	MINUTE	1.00	2.00
MEMORY SPACE	KWORDS/MIN	0.12	0.24
<b>2. INPUT/OUTPUT</b>			
CARD READING	KWORD	0.06	0.12
CARD PUNCHING	KWORD	0.60	1.20
PAPER TAPE READING**	KWORD	0.30	0.60
PAPER TAPE PUNCHING**	KWORD	0.60	1.20
FILE I/O	KWORD	0.015	0.03
PLOTTING	KWORD	0.15	0.30
LINE PRINTING	KWORD	0.08	0.16
REMOTE I/O†	HOUR CONNECT	0.60	1.20
<b>3. FILE STORAGE</b>			
STORAGE ‡	KWORD/DAY	0.002	0.002

4. MINIMUM JOB CHARGE	0.20	0.20
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5. DEVICE SETUP\*\*

SETUP OF PRINTER FOR NON-STANDARD STATIONERY	1.00	1.00
SETUP OF DIGITAL PLOTTER	0.60	0.60
MOUNTING REMOVABLE DISK PACK	1.00	1.00
MOUNTING MAGNETIC TAPES	0.40	0.40

6. CONSUMABLE ITEMS

STANDARD STATIONERY	100 PGES EST.	0.50	0.50
2-PART STATIONERY	PGE EST.	0.015	0.015
4-PART STATIONERY	PGE EST.	0.035	0.035
SPECIAL STATIONERY	COST	COST	COST

7. DEDICATED MODE SERVICE

DEDICATED USE OF PDP-10	HOUR	150.00	300.00
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DISCOUNT FOR LOW-PRIORITY BATCH PROCESSING

A 20% DISCOUNT FOR LOW PRIORITY BATCH PROCESSING WORK, WHICH WOULD NORMALLY BE PROCESSED OVERNIGHT, WILL BE AVAILABLE WITH THE INTRODUCTION OF THIRD SHIFT OPERATION.

- \* UNIVERSITY DEPARTMENTS, ADMINISTRATION AND SERVICES.  
THIS INCLUDES BOOKSHOP, UNIVERSITY COLLEGES, CREDIT UNION, LIBRARY, PHOTOGRAPHY, PRINTERY AND UNION.
- \*\* THESE CHARGES WILL BE APPLIED WHEN THE REQUISITE SERVICES BECOME AVAILABLE.
- + AN ADDITIONAL CHARGE OF \$0.60 PER HOUR IS PAYABLE WHEN A PROJECT AUTHORIZED BY A DEPARTMENT IS RUN FROM ANOTHER DEPARTMENT'S TERMINAL (NOT YET IMPLEMENTED).
- † THIS CHARGE CATEGORY WILL BE REVISED WITH THE INTRODUCTION OF A FILE MANAGEMENT SYSTEM ALLOWING FILES TO BE ARCHIVED TO MAGNETIC TAPE.

(B) GE-225 COMPUTER

ITEM	CHARGE PER	UNIV. DEPTS	OTHER USERS
COMPUTER SYSTEM			
MAGNETIC TAPE HIRE			
1200 FT TAPES	HOUR	21.50	120.00
2400 FT TAPES	MONTH	1.00	1.00
		2.00	2.00

(C) DATA PREPARAION

ITEM	CHARGE PER	UNIV. DEPTS	OTHER USERS
KEYPUNCHING	HOUR	5.40	10.80
INTERPRETING	HOUR	5.40	10.80
VERIFYING	HOUR	4.30	8.60

4. NEW MONITOR

A NEW MONITOR WILL BE IMPLEMENTED ON 4 JANUARY 1972. WHILE MOST OF THE CHANGES ARE NOT APPARENT TO THE USER THIS MONITOR INCORPORATES THE NEW CHARGE RATES AS OUTLINED ABOVE, AND SHOULD PROVIDE IMPROVED RELIABILITY OF OPERATION.

5. LAST NEWSLETTER

THIS IS THE LAST NEWSLETTER FOR 1971. THE NEXT NEWSLETTER WILL BE PUBLISHED ON 14 JANUARY 1972. THE COMPUTER CENTRE WOULD LIKE TO WISH ALL ITS CLIENTS AND USERS A HAPPY CHRISTMAS.